UAC/UAW

EMOTIVA®
AUDIO CORPORATION

UAC/UAW

In-Ceilling/In-Wall Speakers

INSTALLATION GUIDE

Dear Music Enthusiast,

Thank you for purchasing Emotiva Architectural Speakers. We sincerely believe they offer outstanding performance and value. Emotiva products are carefully engineered and produced with the highest quality materials and incorporate the latest technology. We think you will find the Emotiva UAC 6.2/UAC 6.8/ UAW 6.2/ UAW 8.2 meet or exceed your expectations.

Under the guidance legendary loudspeaker designer Vance Dickason, we have developed a series of loudspeakers that are extremely efficient and dynamic, with a clear, detailed, neutral sound.

We hope you will continue to explore your passion for high performance home entertainment with these and other Emotiva products.

With Sincerest Appreciation,

The Emotiva Family

SAFETY PRECAUTIONS

Read this User's Guide thoroughly before attempting to install and configure your Emotiva UAC 6.2/UAC 6.8/ UAW 6.2/ UAW 8.2. All the safety and operation instructions should be read before any operation of the speakers. After successful installation and configuration Emotiva UAC 6.2/UAC 6.8/ UAW 6.2/ UAW 8.2 Architectural Speakers, be sure to retain this manual in a safe place for future reference.

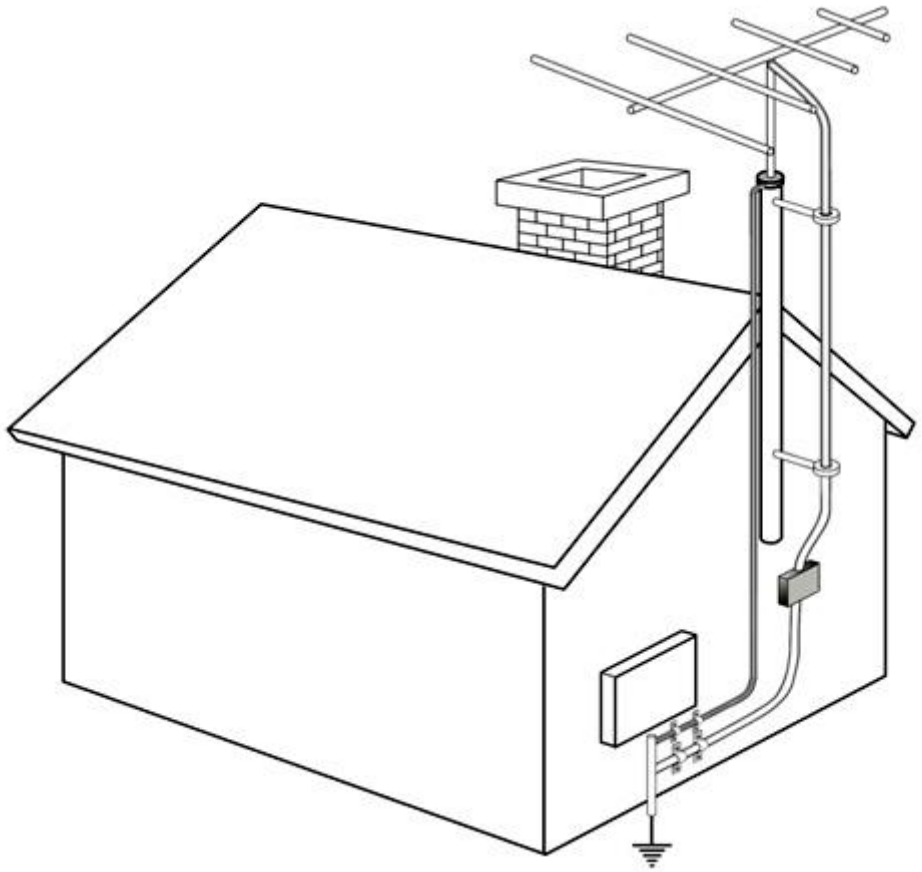
All warnings for Emotiva UAC 6.2/UAC 6.8/ UAW 6.2/ UAW 8.2 Architectural Speakers in these operating instructions should be followed. Safety is a key component to a long lasting and trouble free installation. The vast majority of the subsequent safety precautions involve simple common sense. If you do not feel comfortable with the installation of audio/video equipment, we recommend you seek the services of a qualified installation professional.

- Emotiva UAC 6.2/UAC 6.8/ UAW 6.2/ UAW 8.2 Architectural Speakers should NEVER be used where they can come into contact with water, such as a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, a swimming pool, etc.
- Emotiva UAC 6.2/UAC 6.8/ UAW 6.2/ UAW 8.2 Architectural Speakers should be mounted securely so that their location or installation position does not place anyone at risk from the speaker(s) falling on to his/her head or body. Secure mounting is very important.
- Emotiva UAC 6.2/UAC 6.8/ UAW 6.2/ UAW 8.2 Architectural Speakers should be situated away from heat sources such as radiators, or other heat generating devices.

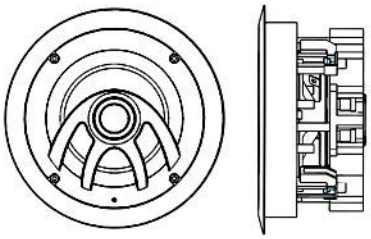
CAUTION: As with any home improvement or home construction project, great care should be taken to avoid potentially dangerous or damaging situations! Exercise caution and good judgement when installing outdoor speakers so as not to disrupt vapor barriers in exterior wall installations, or interfere with or impinge on AC lines. Do not route wire and install speakers in a manner that does not comply with local building codes. If you have doubts or reservations regarding your potential install, please contact your local certified electrician or licensed building contractor for qualified help.

Although these speakers are moisture resistant they are by no means water proof. To use them in accordance with their intended design they must be protected from direct contact with water.

GROUNDING

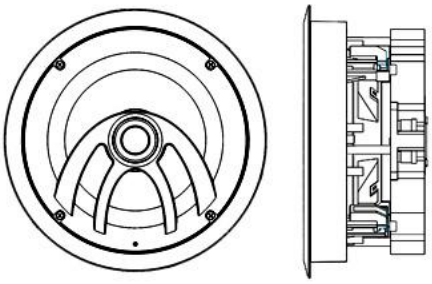


Always observe proper antenna or satellite dish grounding techniques. When lightning strikes there is always the possibility that your antenna or dish (mounted high on the roof) can become a conduit for lightning and electrically damage any equipment to which it's connected. Additionally, proper grounding offers safety to the people using the audio/ video system in the event of an electrical problem.



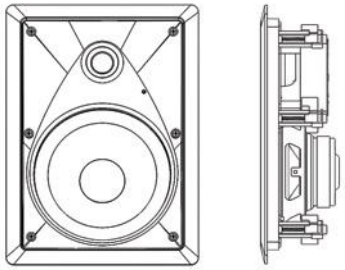
UAC-6.2

- 6.5” Ceiling
- +/- 3dB 65Hz-20kHz
- Sensitivity 87dB @ 2.83V/1m
- Recommended Amplifier 10W-150W
- Nominal Impedance 6 Ohms
- Size (speaker):
  9 1/8” diameter x 4 1/4” deep
- Size (cutout): 7 7/8” diameter



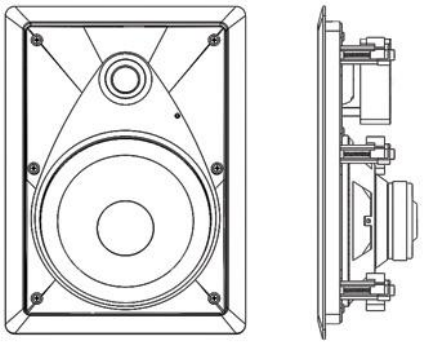
UAC-8.2

- 8” Ceiling
- +/- 3dB 38Hz- 21kHz
- Sensitivity 88dB @ 2.83V/1m
- Recommended Amplifier 10W-150W
- Nominal Impedance 4 Ohms
- Size (speaker):
  10 1/2” diameter x 4 7/8” deep
- Size (cutout): 9 5/8” diameter



UAW 6.2

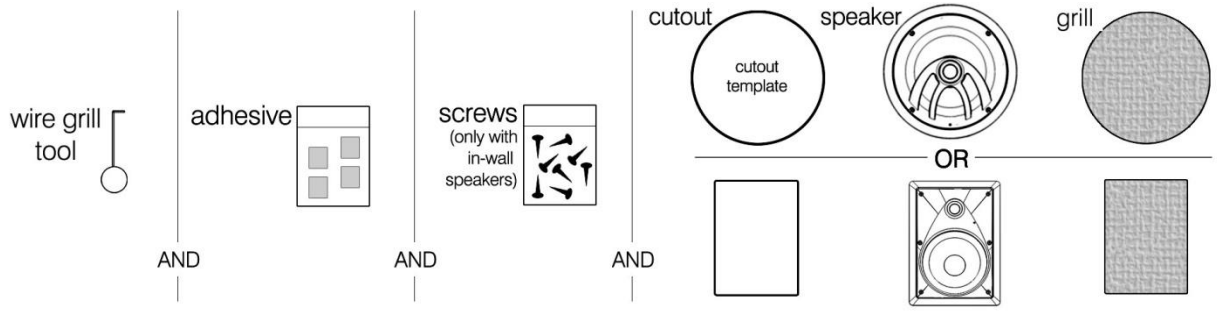
- 6.5” Inwall
- +/- 3dB 65Hz-20kHz
- Sensitivity 87dB @2.83V/1m
- Recommended Amplifier 10W-150W
- Nominal Impedance 6 Ohms
- Size (speaker):
  8 11/16” x 12 1/16” x 3 5/8”
- Size (cutout): 7 1/2” x 11”



UAW-8.2

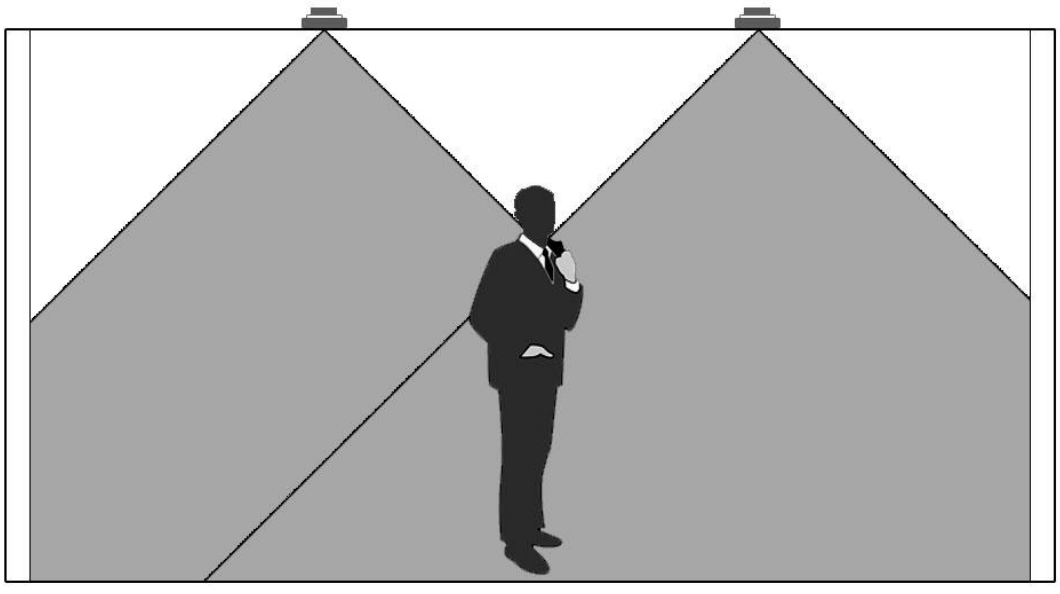
- 8” Inwall
- +/- 3dB 38Hz- 21kHz
- Sensitivity 88dB @ 2.83V/1m
- Recommended Amplifier 10W-150W
- Nominal Impedance 4 Ohms
- Size (speaker):
  10 1/16” x 14 1/8” x 4”
- Size (cutout): 8 3/4” x 12 3/4”

INVENTORY



SPEAKER PLACEMENT

Think of your speakers' sound output like a flashlight beam shining at a 45 degree angle from the speaker itself. Ideally your listening position should be within the beam emanating from each speaker. The best speaker imaging will generally take place where the beams from each speaker intersect. Your ear position should be taken into consideration in both sitting and standing positions. Avoid mounting speakers in stud cavities that contain electrical wiring, heating ducts, fire blocks, water pipes, etc. and make sure the ceiling materials are sturdy enough to support the weight of the speaker. Check to see if in-wall speaker back-boxes are required by the building code in your area and install them if applicable.



Distributed Audio Placement

TWEETER ADJUSTMENTS

The tweeter level switch allows subtle balance adjustments to accommodate room acoustics and personal preference.

To enhance imaging the tweeter can be angled to the listening area. Pressing on the plastic edges of the tweeter allows for 0-30° tilt in all directions. Be careful not to press on the tweeter dome itself as damage will result. This will void the warranty!

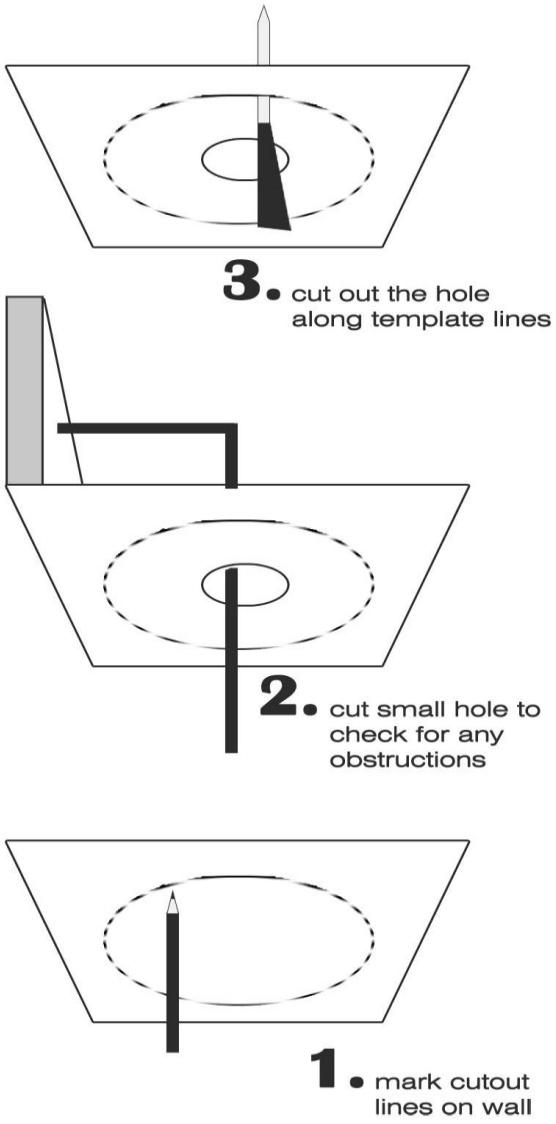
SPEAKER INSTALLATION

Once you have made a decision on where to install your speakers and have verified that the location is safe, you will need the following tools to complete the installation

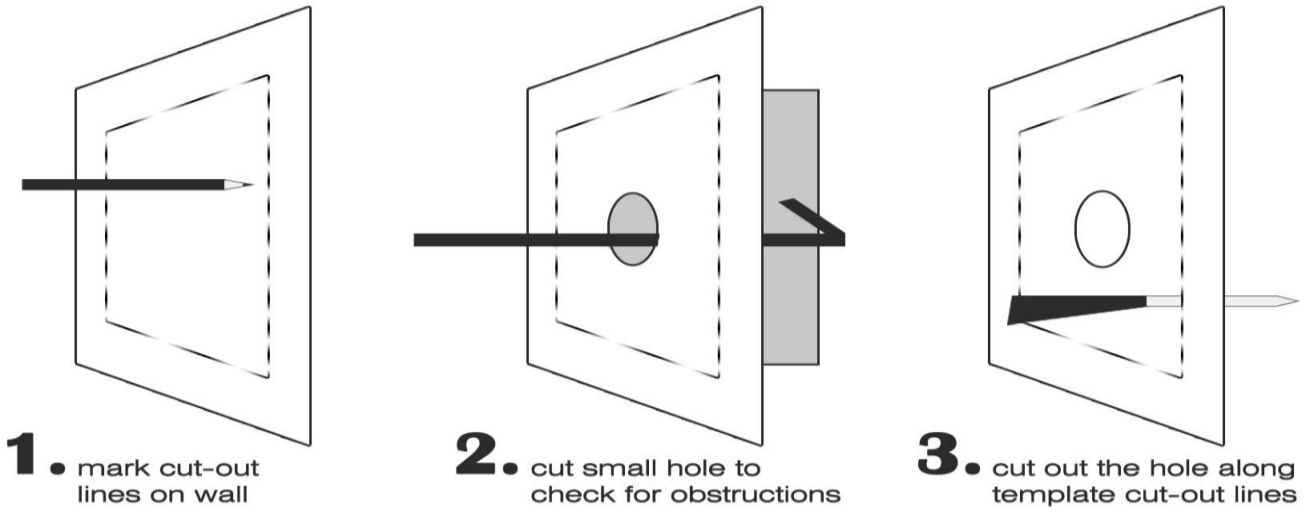
• Stud Finder • Drill & Drill Bits • Wire Cutter/Strippers • Speaker Wire
• Pencil • Phillips Screwdriver • Utility Knife or Drywall Saw • Painters Tape

Use only multi stranded, copper, 16 gauge minimum, speaker wire approved for use within walls. Consult with your local building department for approved wire types and wiring methods.

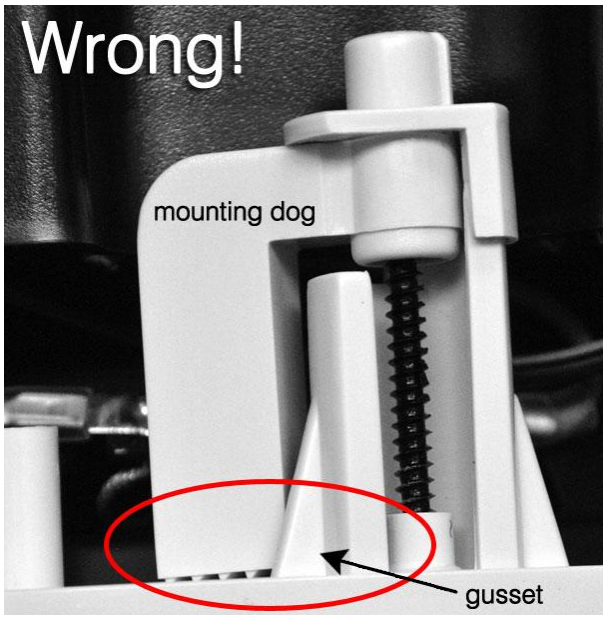
Find a location between two wall or ceiling studs that will accommodate speaker installation. Carefully measure for clearance and lightly trace the included cut-out template onto the surface. Cut a small test hole near the center of your cut-out trace. *CAUTION: Proceed with the final cut out of your opening only after you have verified your cut-out location is free from electrical wiring, water pipes, heating ducts, obstructions, etc. THIS IS A CRITICAL STEP AND SHOULD NOT BE IGNORED!*

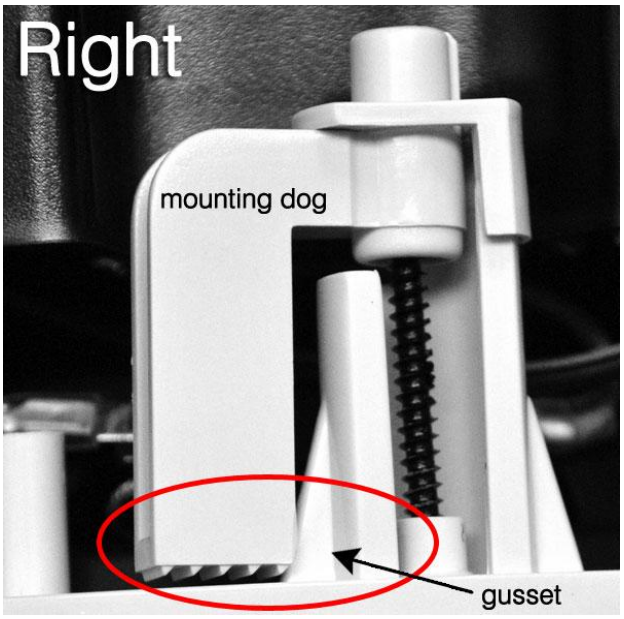


Route approved speaker wire from your amplifier, or from a volume control, to the speaker locations. Wire polarity is key here. You must maintain + positive, usually red, and – negative, usually black, polarity between the source and the speakers and double check your work. After completing all connections make sure the amp, volume controls and speakers are connected and working properly. Turn on the amplifier and audio source to verify it is producing sound at lower volumes. Slowly turn up the volume. You should hear sound coming from your new speakers. If no sound is produced from any or all speakers, turn off the source equipment immediately and check for open or loose connections, shorts, or proper source selection and connections. After you have verified the speakers are operating normally, slide each speaker up inside the cut-out hole with the speaker wire attached to the speaker, being careful not to pinch or otherwise damage or disconnect the speaker wire.



Make sure that the mounting dogs spin freely and are clear of the gusset prior to inserting the speaker into your newly cut opening. Center the speaker in the cut-out hole, align it with the other speaker if applicable, and turn the four or six locking screws clockwise until the speaker is drawn up snugly to the wall board from behind, clamping the speaker in place. Try to tighten each screw equally. Do not over tighten the screws. Replace the speaker grill by gently pressing it into place. Note: Wash your hands first, dirt can easily transfer from your fingers to the grills. Use a small amount of included adhesive to secure the grills to the speakers.





PAINT

If desired, the speaker's outer surface will accept ordinary latex wall paint or aerosol spray paint. Because the speaker baffle surface behind the grille should remain unpainted, you may need to mask this area. Cover the speaker's interior black surface, woofer and tweeter. Paint the outer speaker frame and grille separately. (Grille painting hint: Brushing and rolling are nearly impossible since the grill holes fill up easily. Try aerosol paint or purchase an aerosol kit and thinner from your local paint store to use your existing paint.)

LIMITED WARRANTY

Emotiva offers the following warranty to owners of Outdoor Speakers:

Emotiva Audio warranties its outdoor speakers to be free from defects in materials and workmanship for a period of five years from the original date of purchase to the original owner. The following items are excluded from, or will void this warranty coverage:

- Damage caused by accident, misuse or abusive operation contrary to the instructions specified within this manual.
- Damage caused during shipment and handling. If you receive an item that you believe to have been damaged during shipment, please contact Emotiva immediately.
- Units that have had the serial numbers defaced, modified, or removed.
- Damage resulting from a modification of, or attempted repair by any person or company not authorized by Emotiva.
- Customer applied finishes
- Any unit purchased from a non-authorized dealer or source.

Emotiva does not assume liability for loss of use, or damage to, associated or connected equipment. This warranty excludes normal cosmetic deterioration cased by environmental conditions. This warranty also excludes the cost of installation in or removal from a fixed, custom installation, or normal setup, claims based on any misrepresentation by the seller, or performance variations resulting from installation related circumstances such as but not limited to: signal quality, AC power or incompatibilities with other system components.

SERVICE ASSISTANCE

Please note that BEFORE sending your Speaker in for repair you MUST call Emotiva and obtain a return authorization (RMA) number. Prior to contacting Emotiva to begin the RMA process, please have as detailed a description of the problem(s) you are experiencing and the conditions under which the problem(s) occur. Many instances of perceived failure are simple operational and setup mistakes and Emotiva is happy to assist you however possible. Once you have obtained the RMA number, you must print this clearly on the outside of the box so it will be possible to determine from whom the unit came once it arrives. Parcels arriving without an RMA numbers will be refused and returned freight collect.

Please send your repairs with RMA to:
Emotiva Audio Corp.
Attn: Repair Department
135 Southeast Parkway Court
Franklin, TN 37064
Reference – (Put you RMA number in this spot.)
877-EMO-TECH (877-366-8324)
customerservice@emotiva.com|www.emotiva.com

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